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Fig. 1A

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Fig. 1B

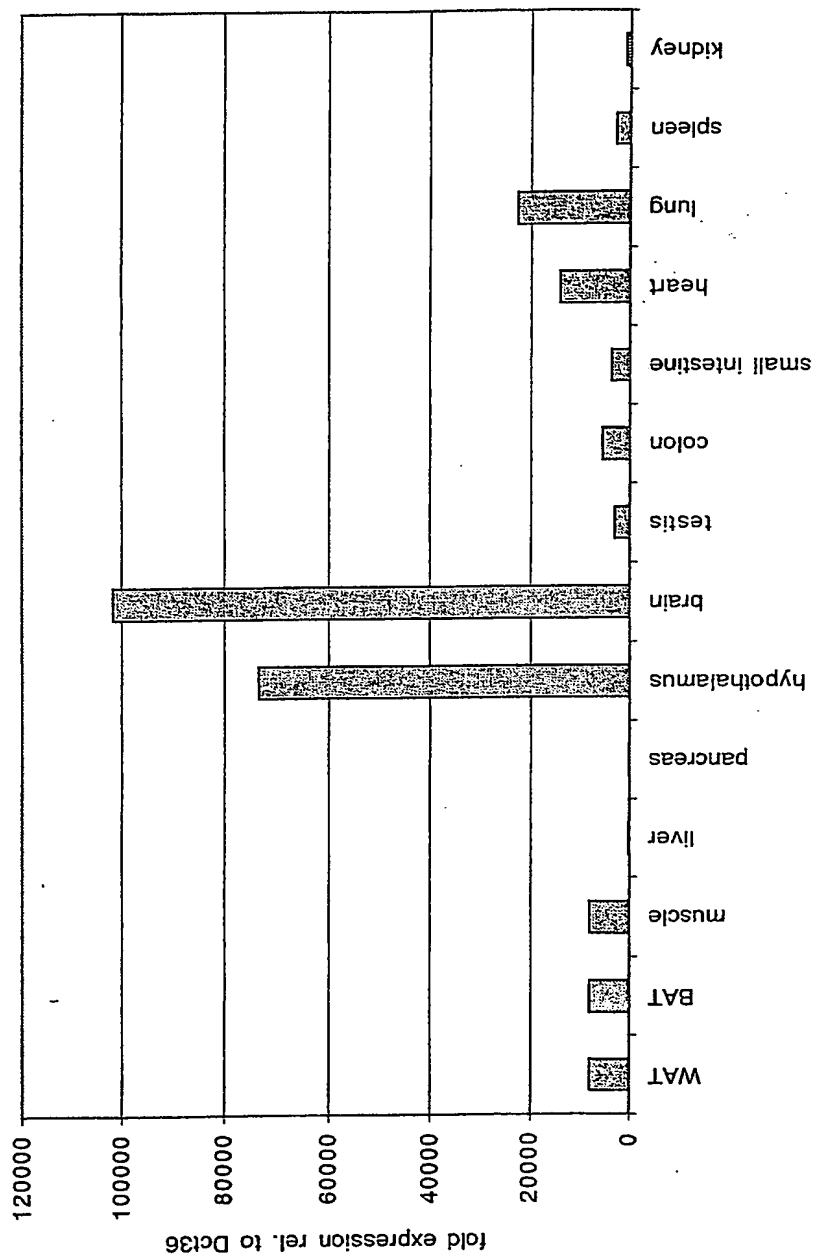


Fig. 2A

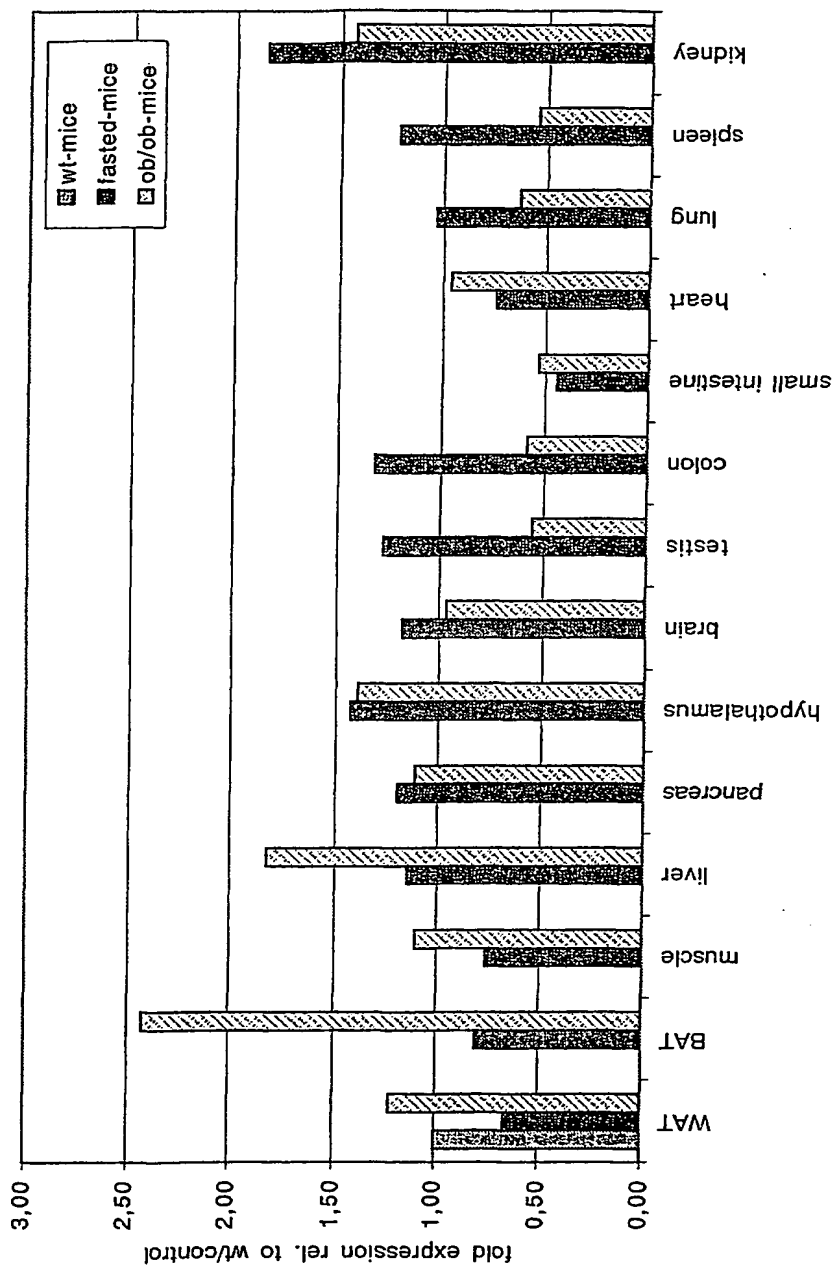


Fig. 2B

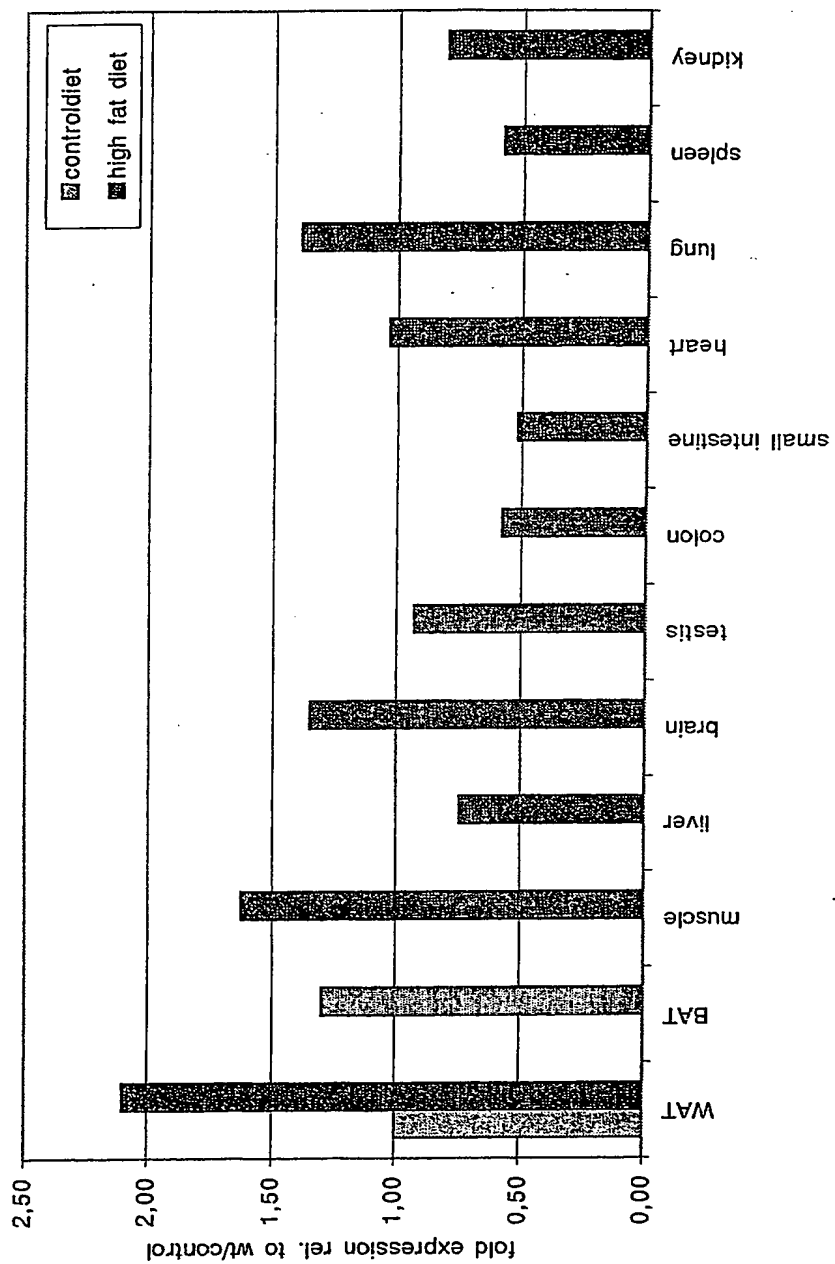


Fig. 2C

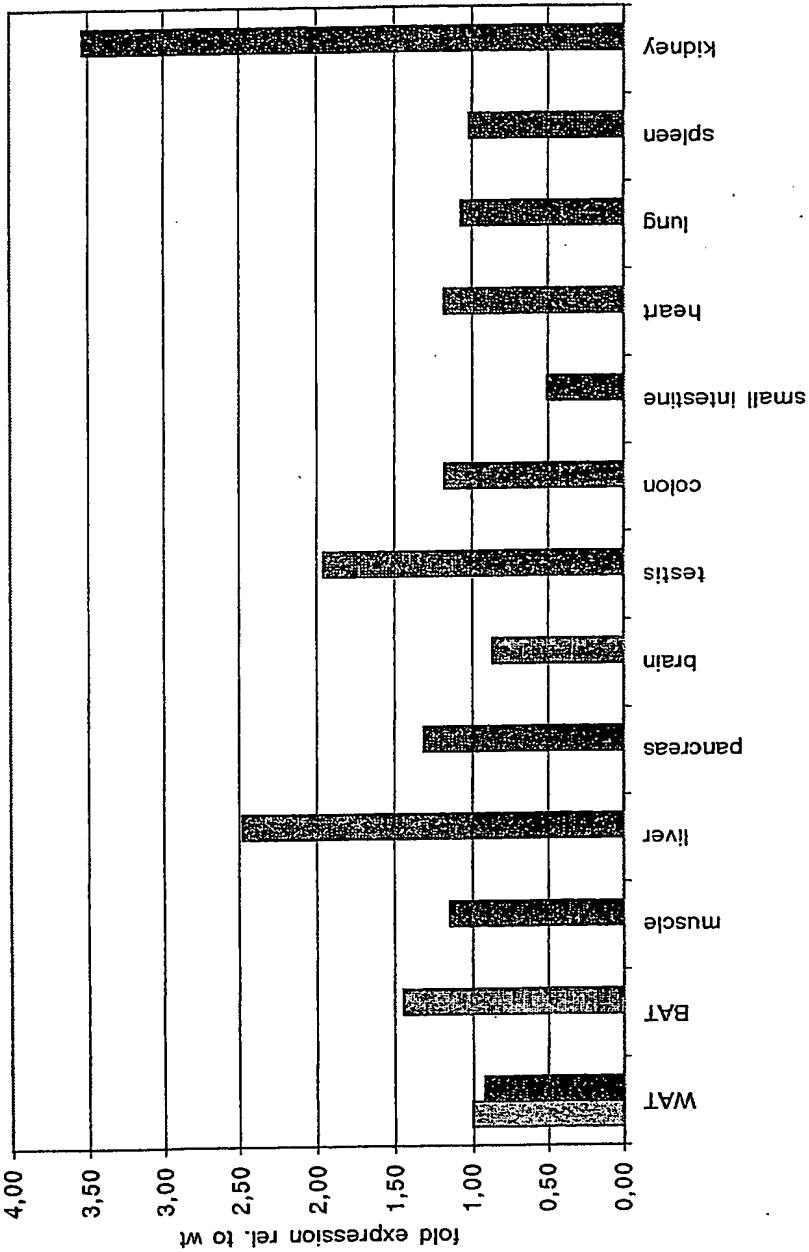


Fig. 2D

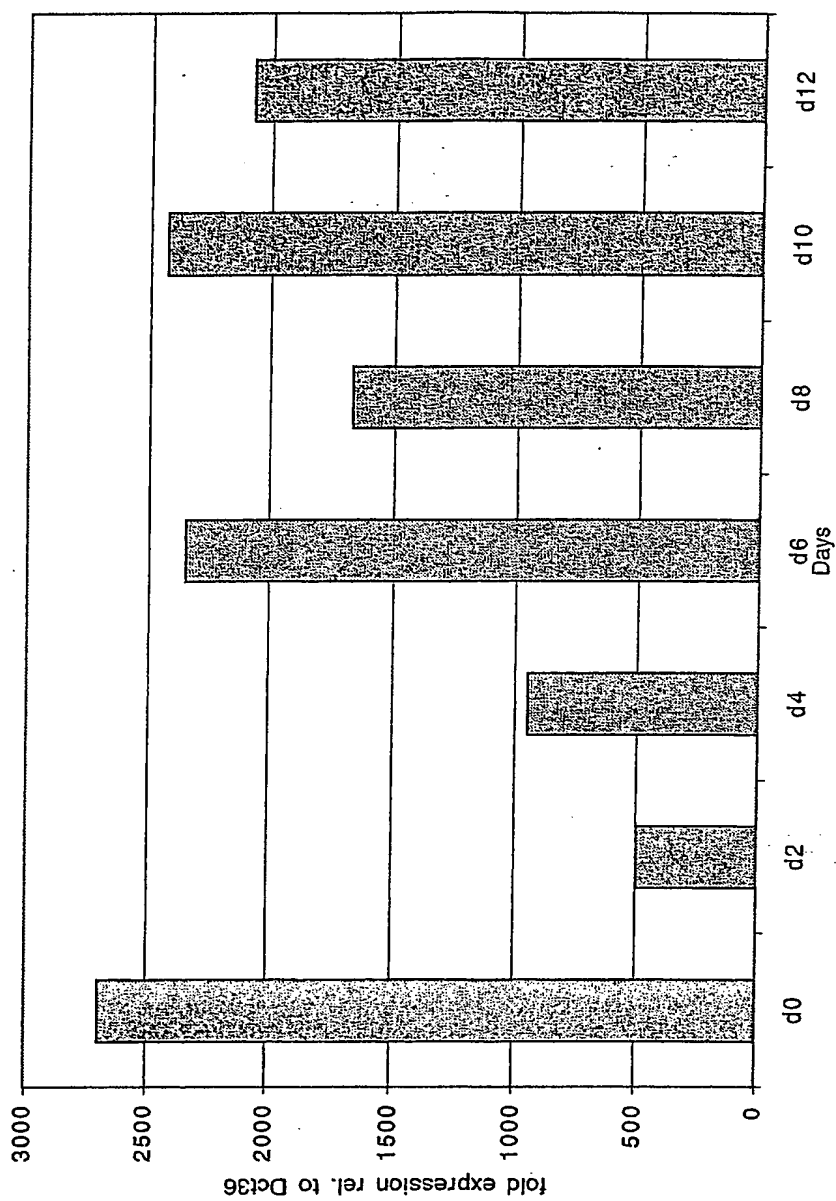


Fig. 2E

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Fig. 3A

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Fig. 3B

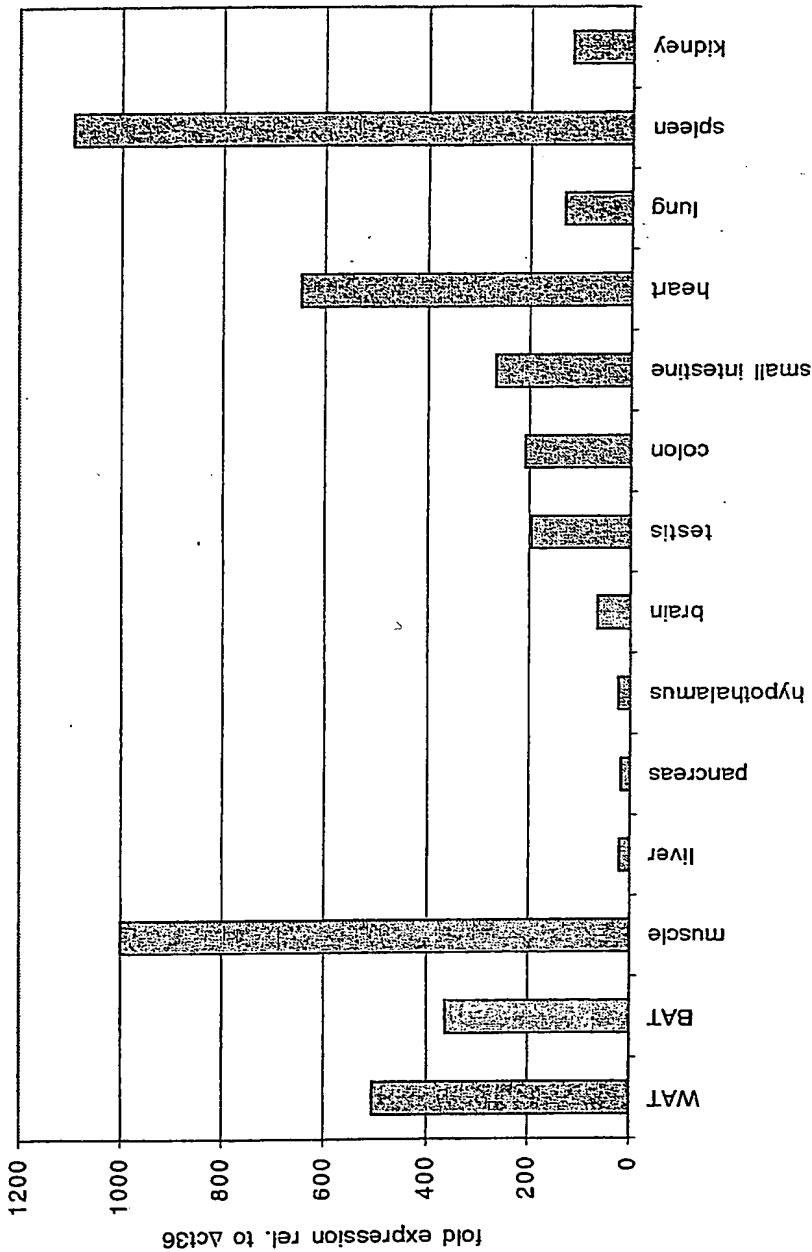


Fig. 4A

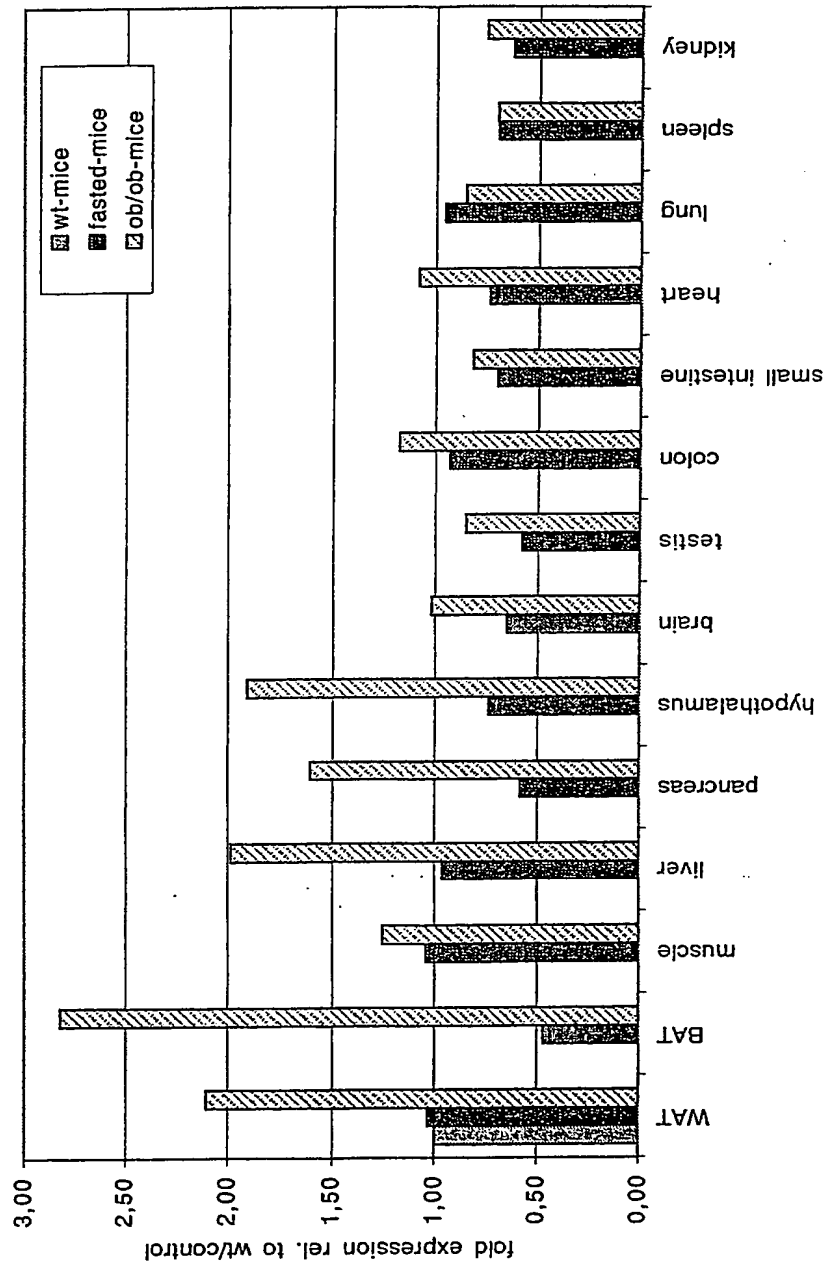


Fig. 4B

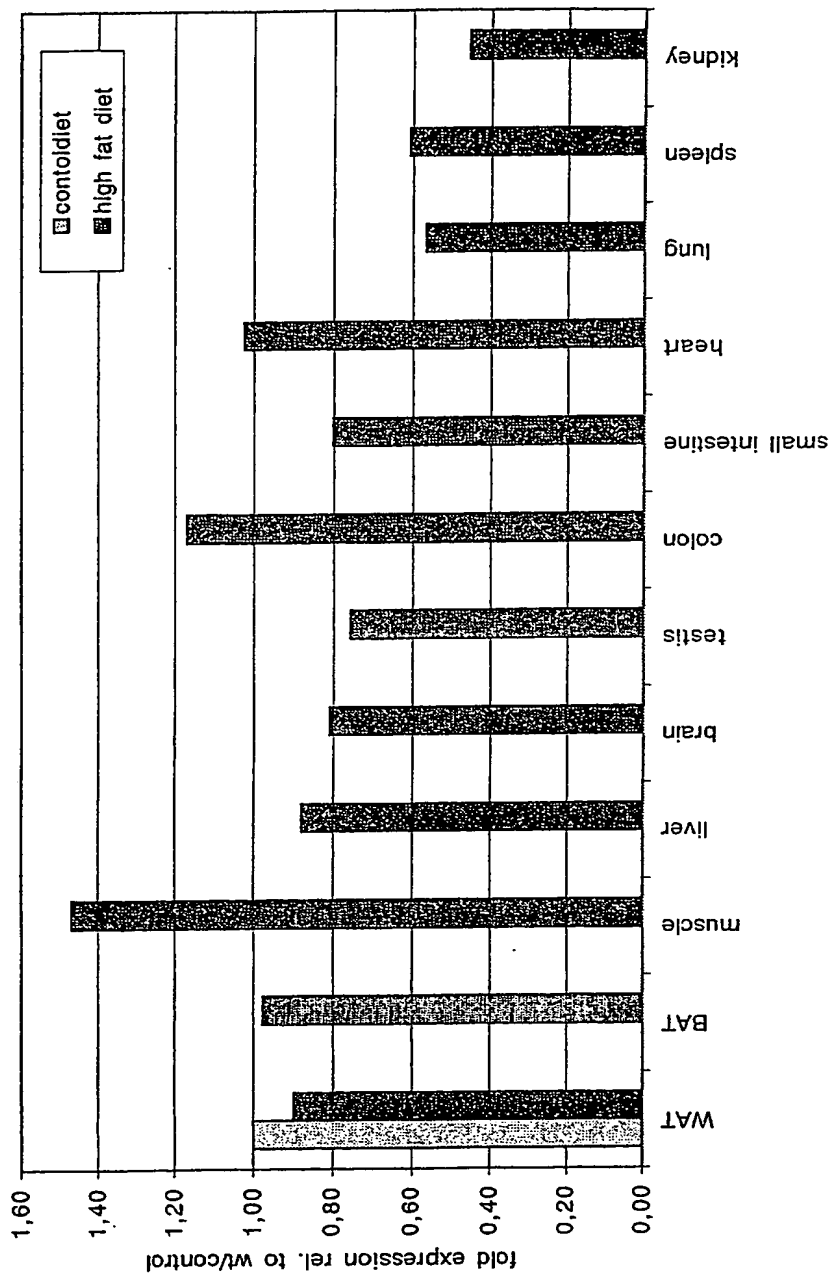


Fig. 4C

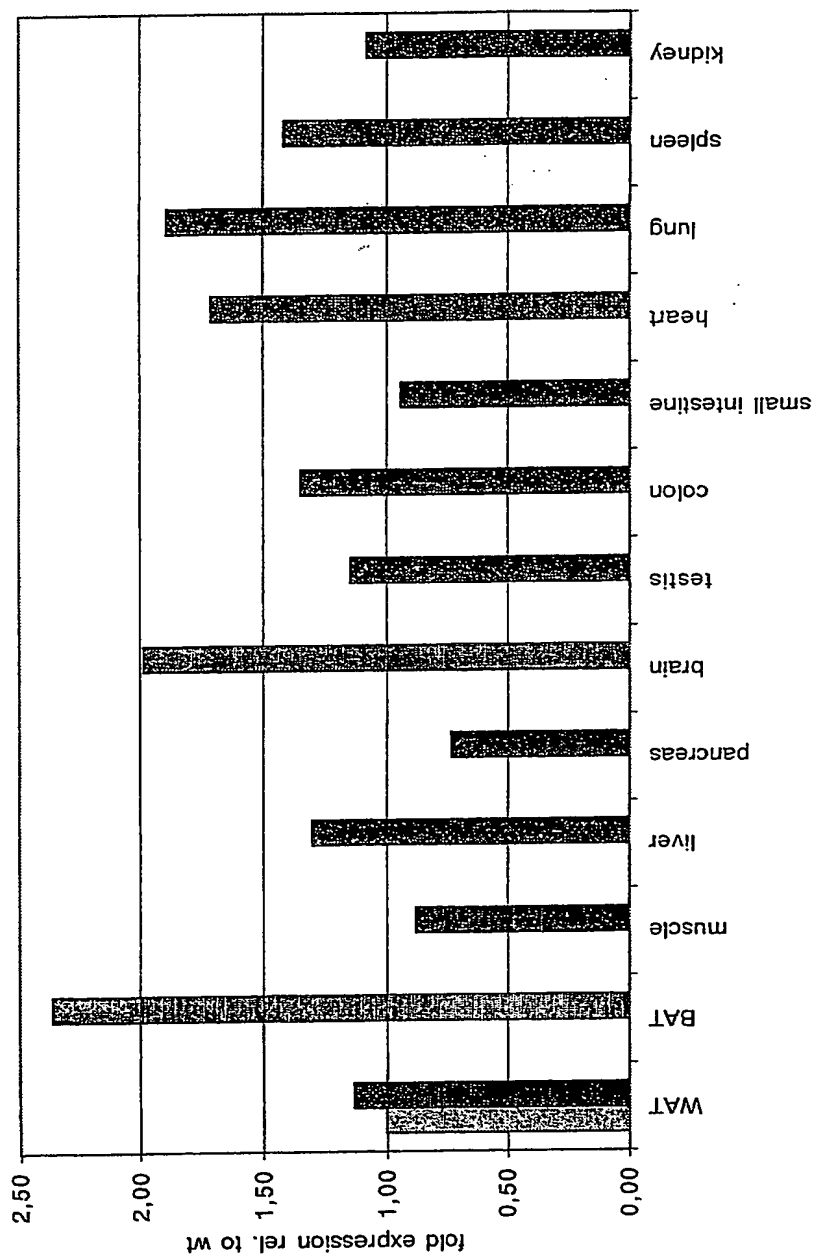


Fig. 4D

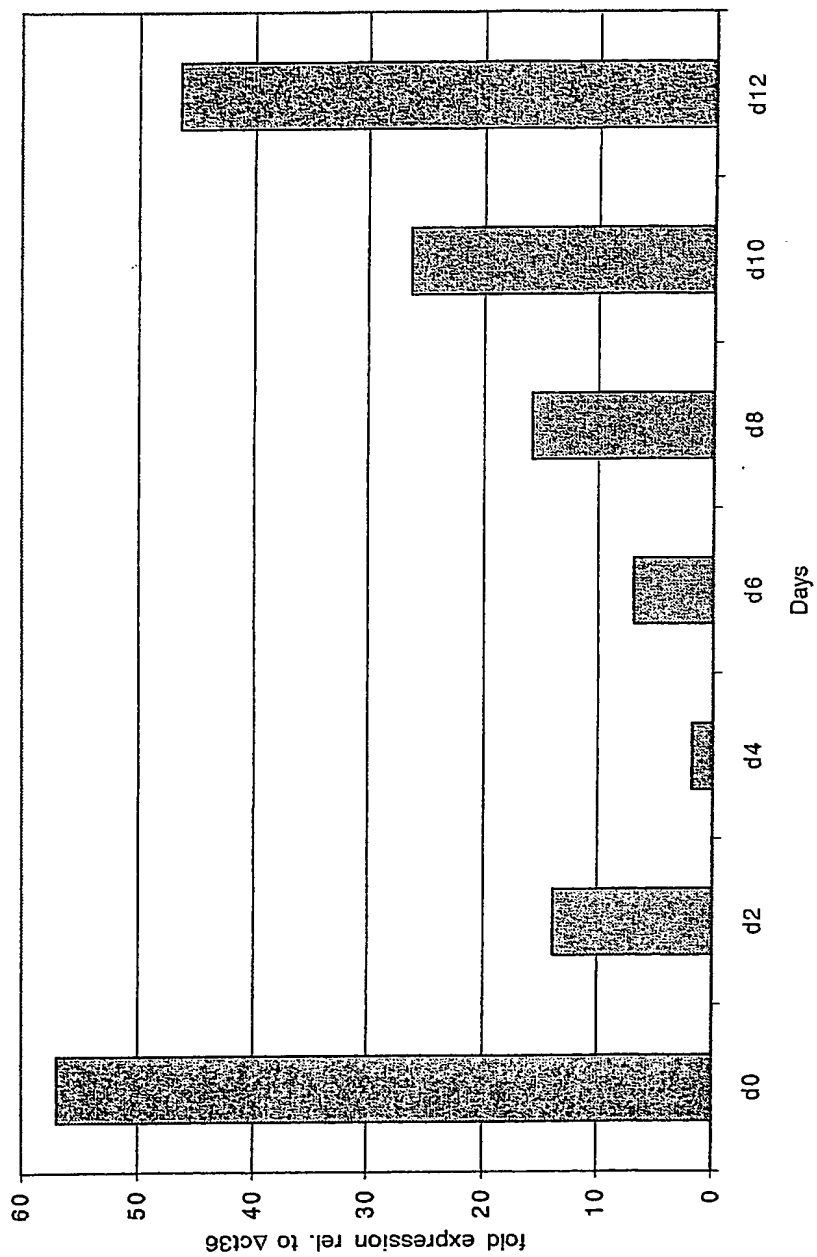


Fig. 4E

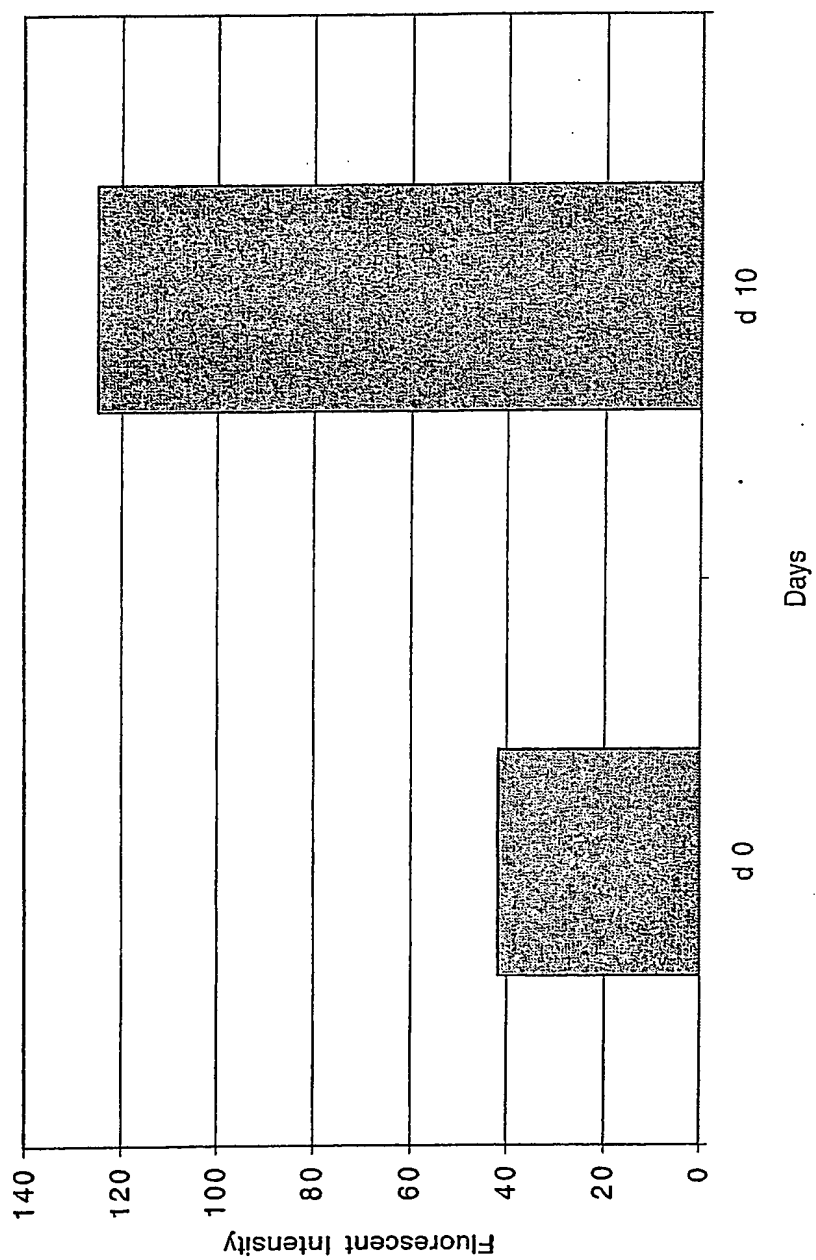


Fig. 4F

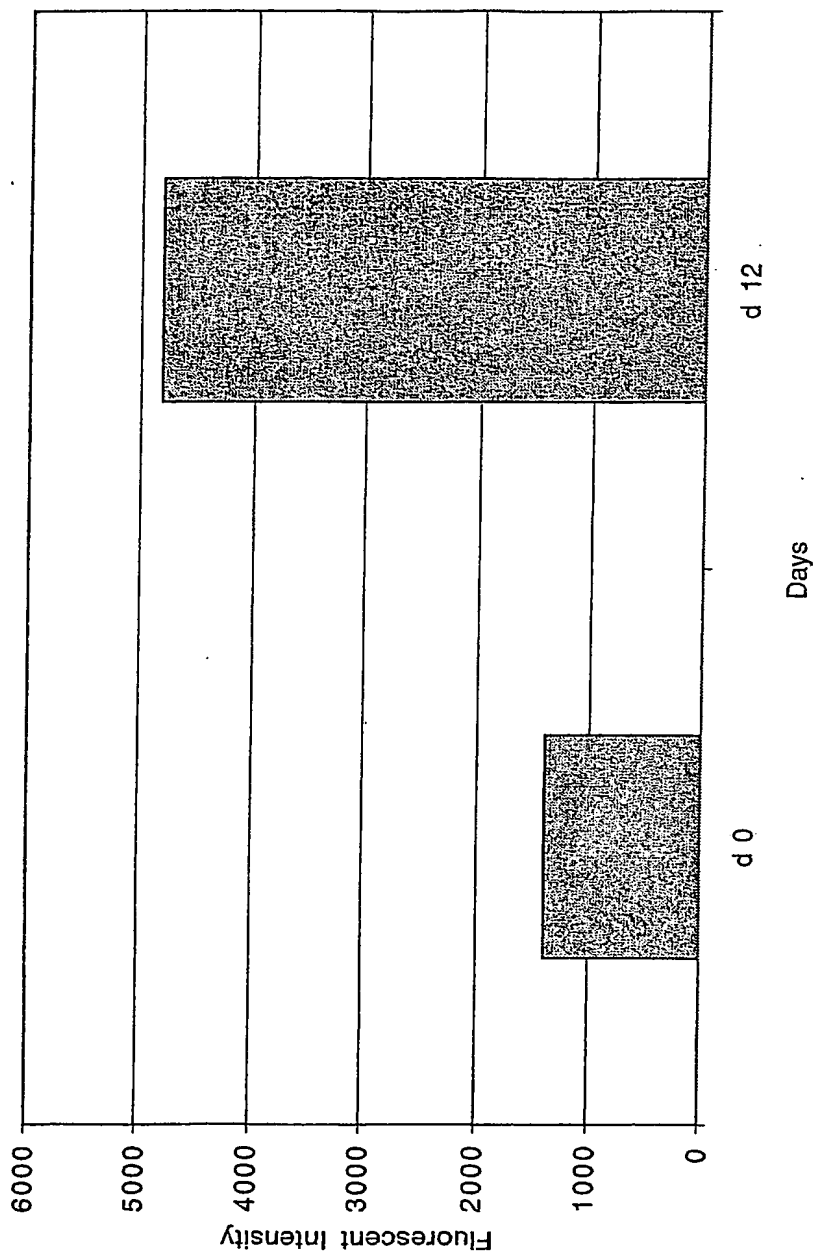


Fig. 4G


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Fig. 5A

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Fig. 5A (cont.)

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Fig. 5B

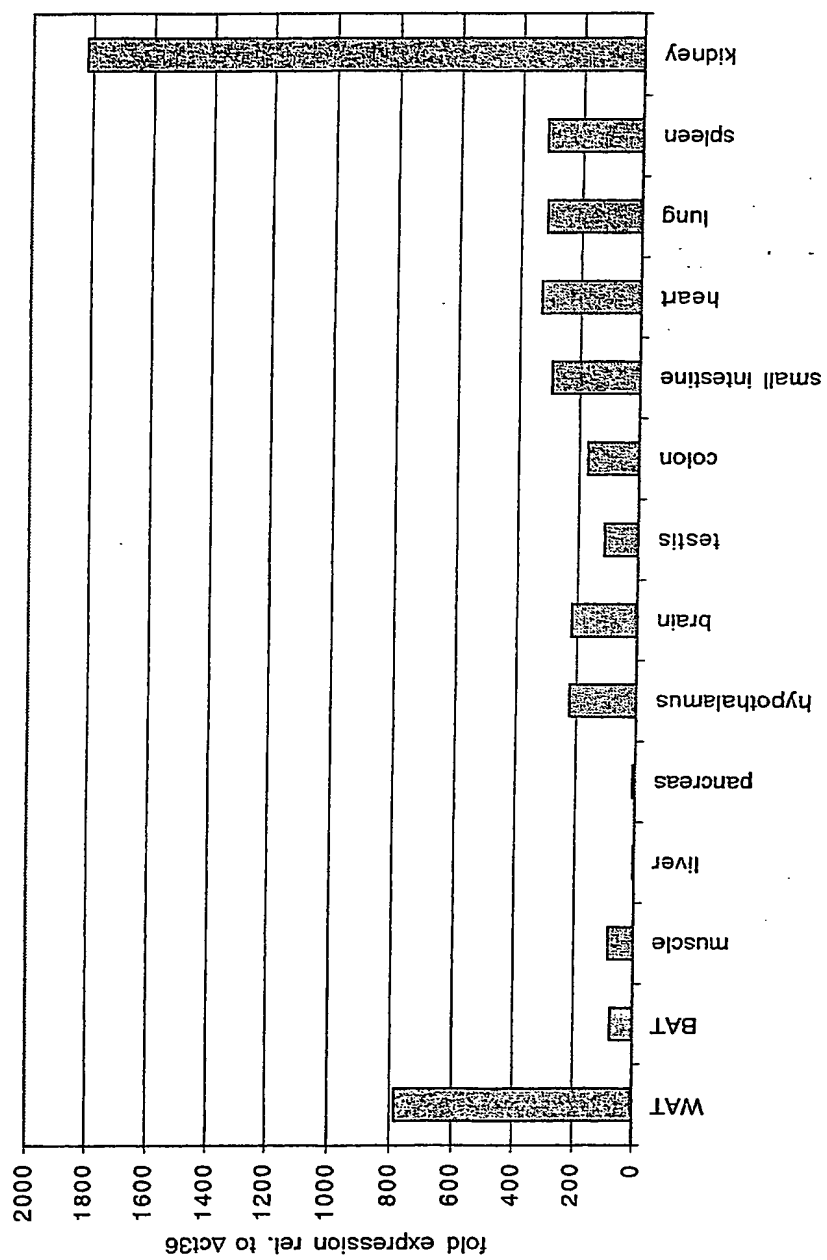


Fig. 6A

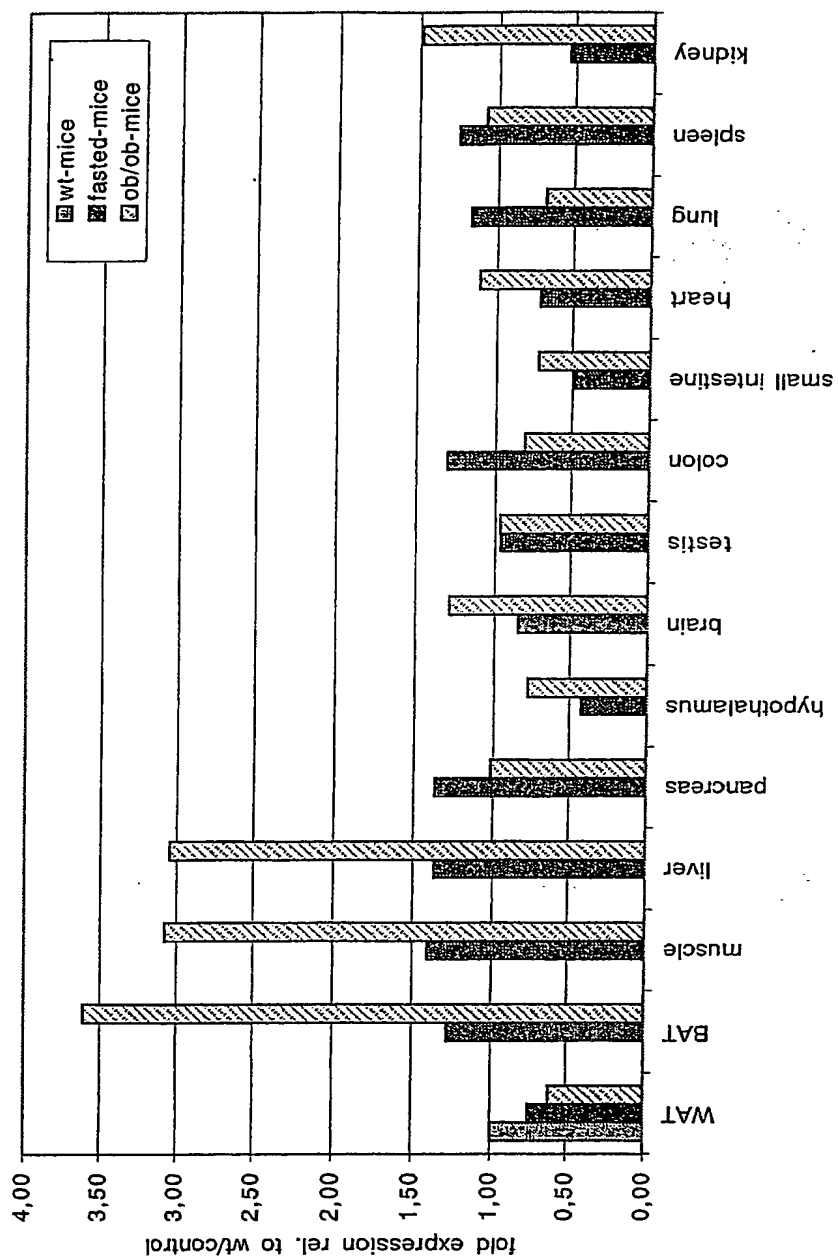


Fig. 6B

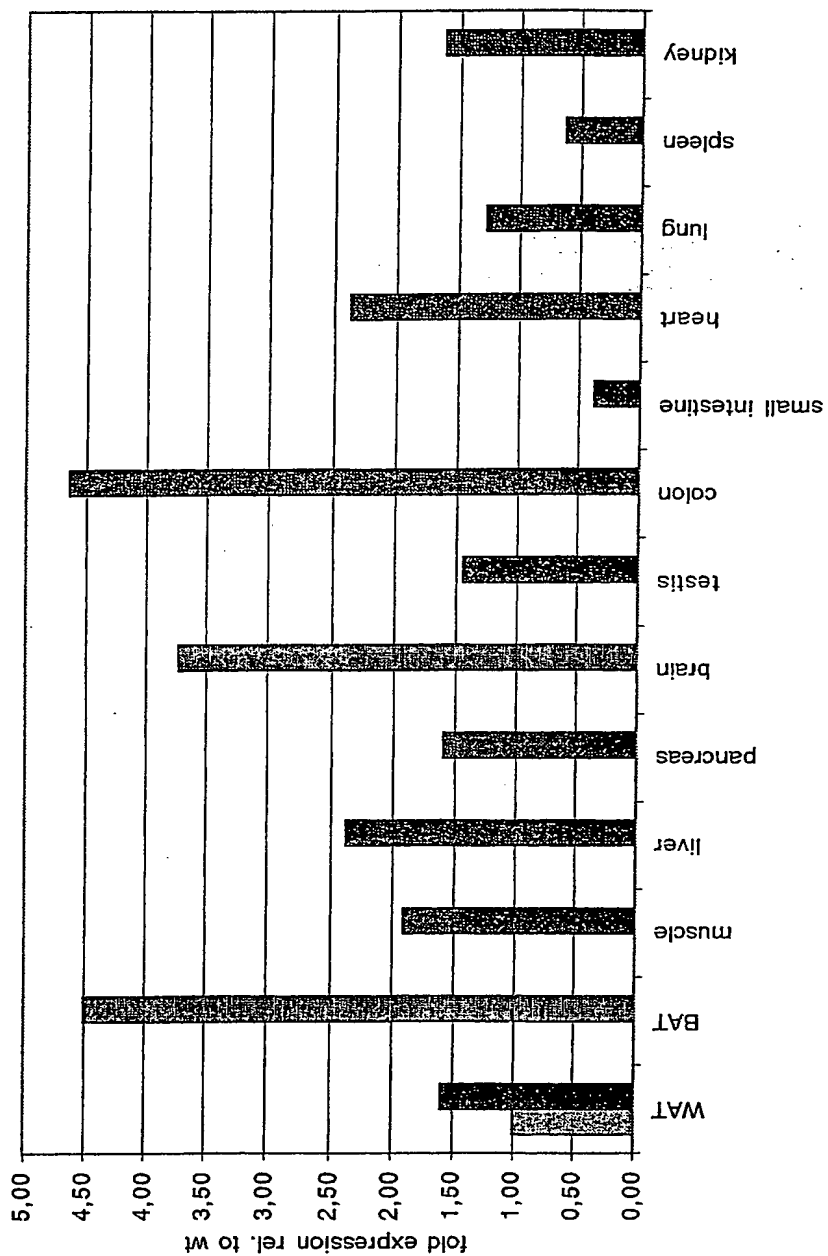


Fig. 6C

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121  gcccagatgg tcagttctgc cctgtggcct gctgcctgga ccccgaggga gccagctaca
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601  caccacggg caccacccc ctggcaaaga agctccctgc ccagaggact aacagggcag
661  tggccttgct cagctcggtc atgtgtccgg acgcacgggc ccggtgccct gatggttcta
721  cctgctgtga gctgccagt gggaaagtatg gctgctgccc aatgcccaac gccacctgct
781  gctccgatca cctgcaactgc tgcccccaag acactgtgtg tgacctgac cagagtaagt
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2041 gccatccctt ccccgtttca gtggaccctg tggccagggt cttttcccta tccacagggg
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```

Fig. 7A

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1  mwtlvswval taglvagtrc pdgqfcpvac clpdpgasys ccrplldkwp ttlsrhlggp
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121  vgaiqcpdsq fecpdfstcc vmvdgswgcc pmpqascced rvhccphgaf cdlvhtreit
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241  sdhlhccpqd tvcdliqskc lskennattdl ltklpahtvg dvkcdmevsc pdgytccrlq
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421  eivaglekmp arraslsphr digcdqhtsc pvqgtccpsl ggsuaccqlp havccedrgh
481  ccpagytcnv karscekev saqpatflar sphvgvkdv cgeghfchdn qtcdrdnrqq
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Fig. 7B

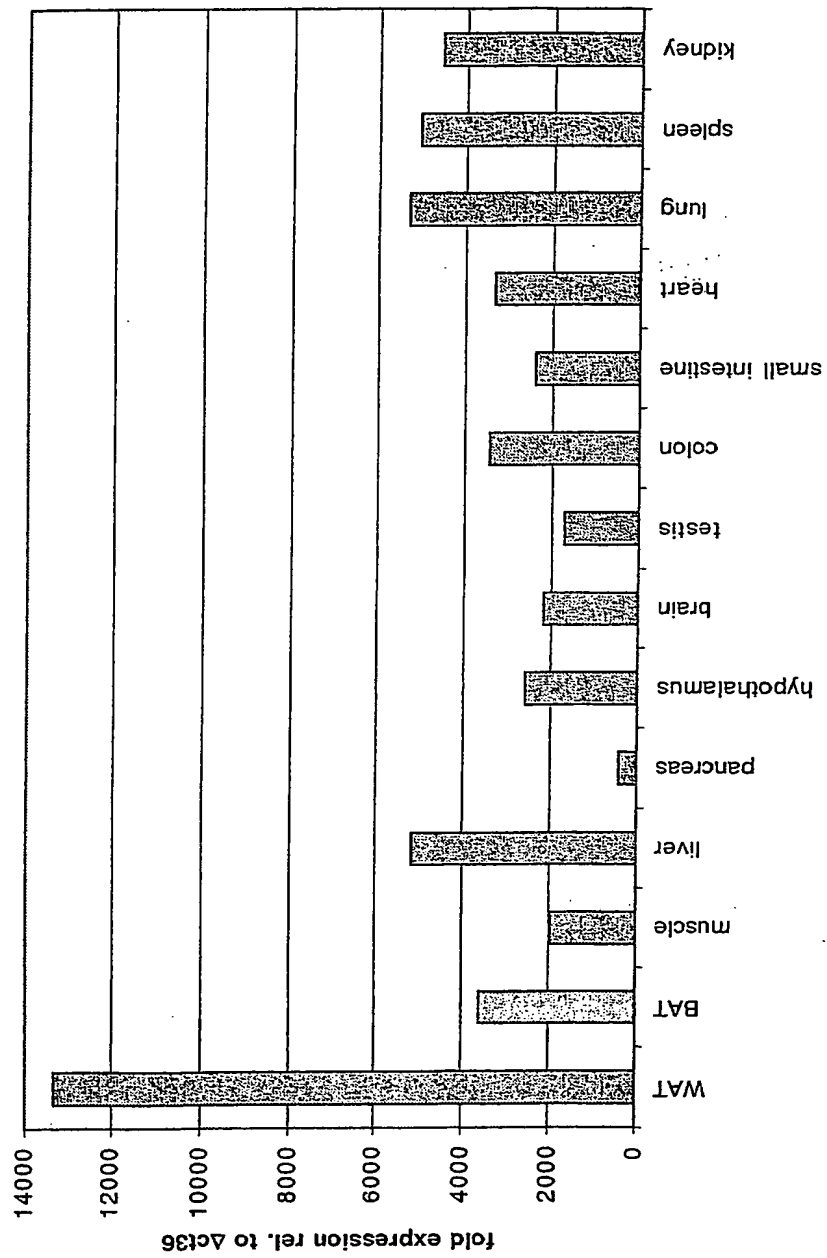


Fig. 8A

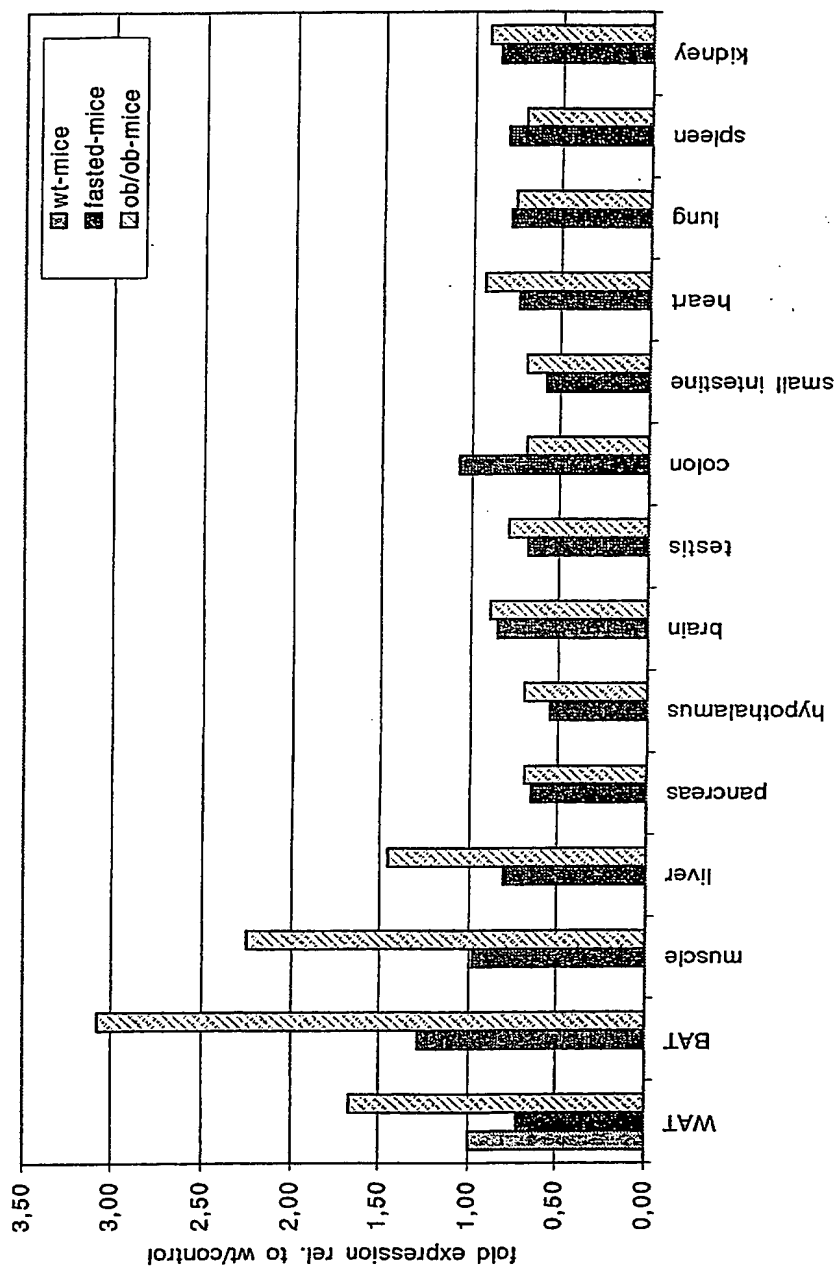


Fig. 8B

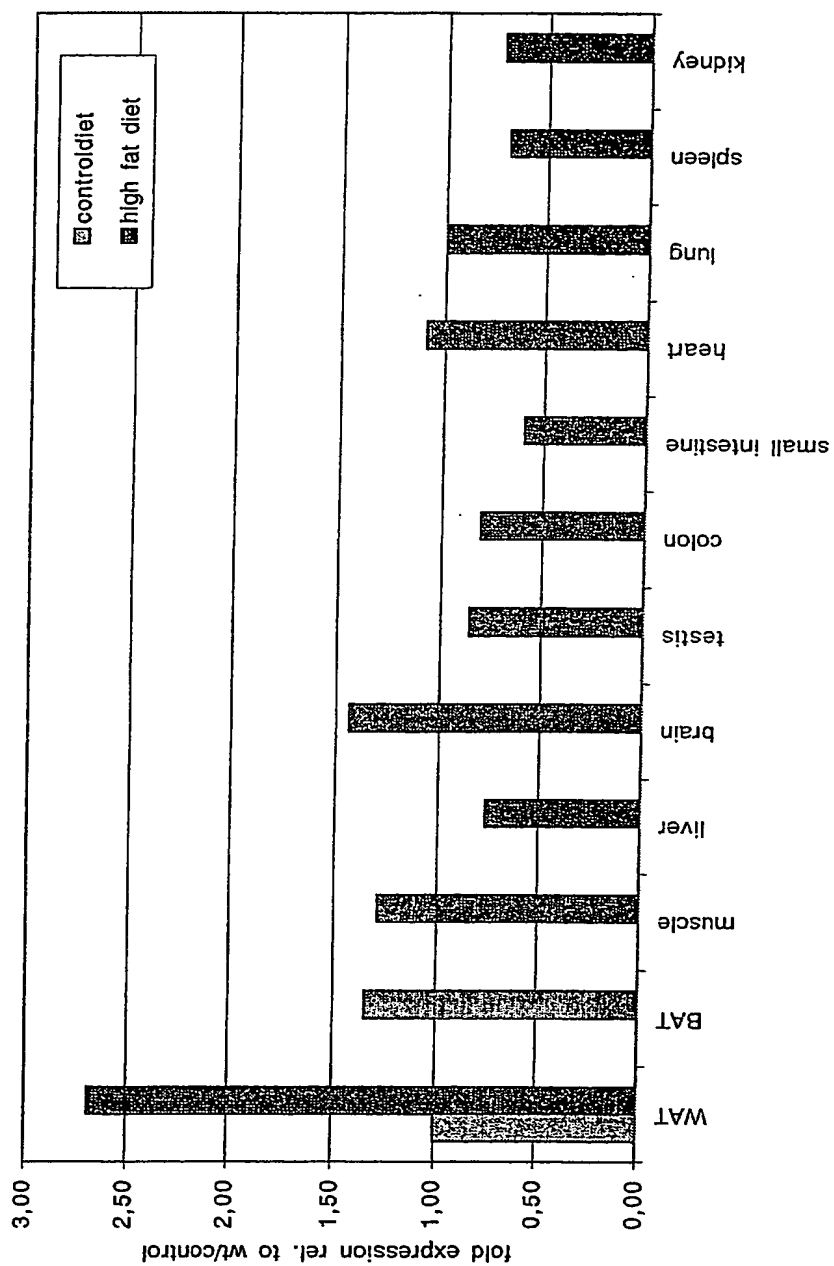


Fig. 8C

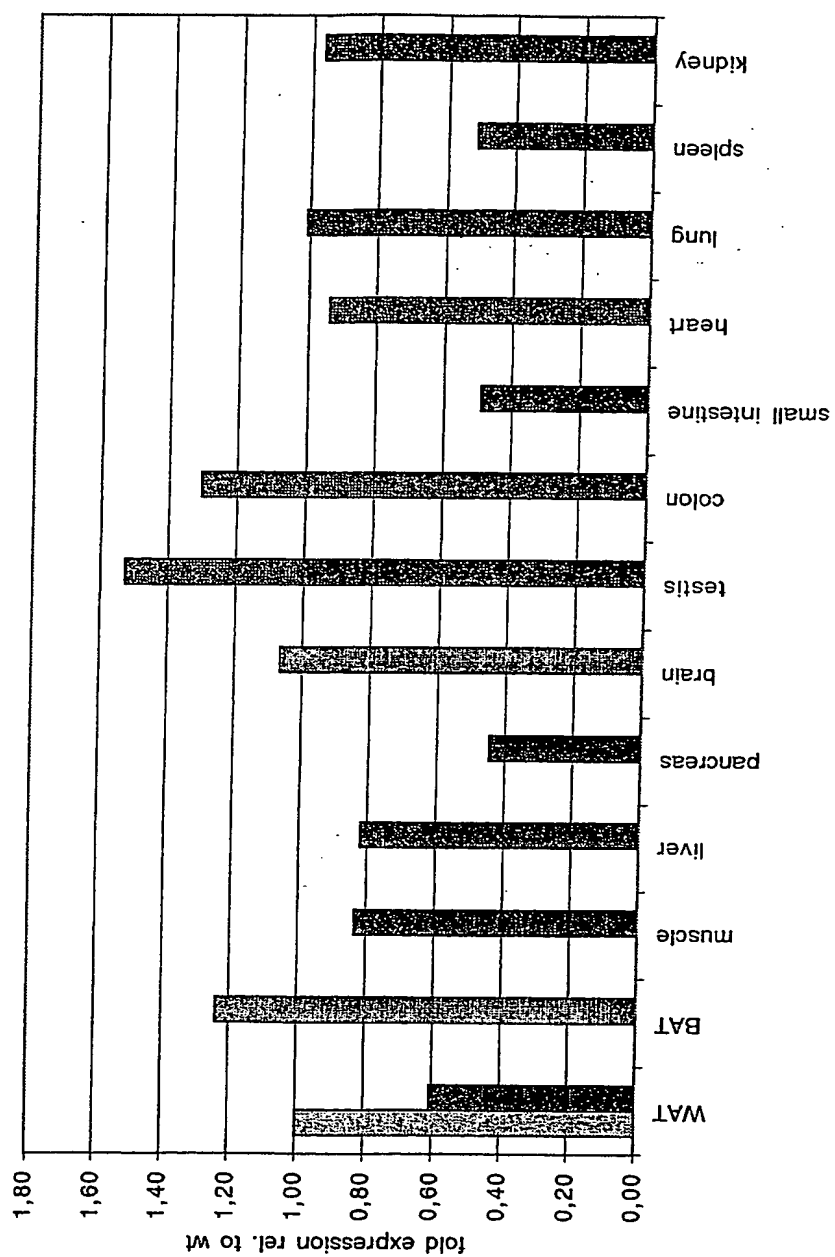


Fig. 8D

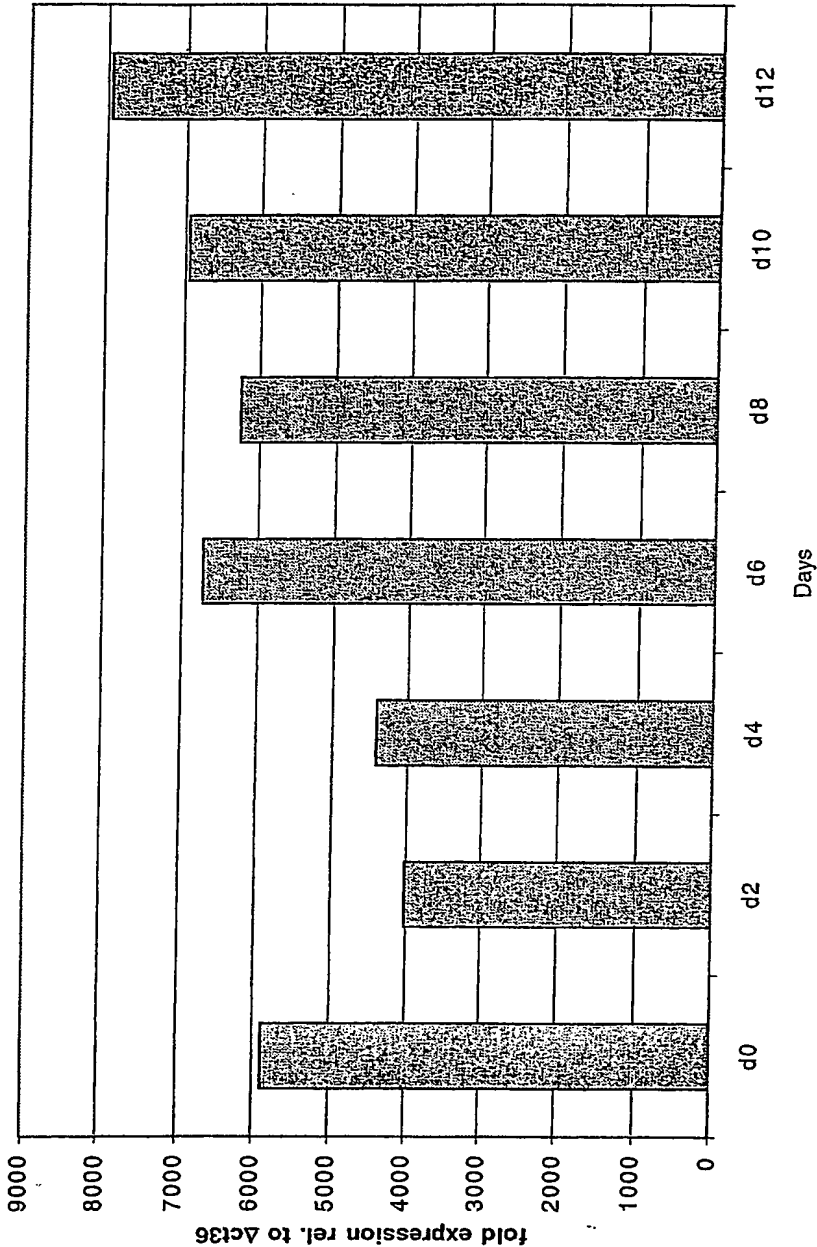


Fig. 8E